

December 2012

ISB *Now*



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2012

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President's Blog - December, 2012

By sherriS | December 2012

Here in the Northern Hemisphere, the days are getting short and dark, the perfect time for reflection on the calendar year that is about to end.

In February, we lost David Winter, one of the giants in our field. I had the good fortune of meeting him several times, in person and via e-mail, and remember each and every interaction quite vividly. He was the type of person who made permanent impressions, most importantly on his students and through his books, also on an entire generation of biomechanists. If you have not done so yet, I encourage you to read the [obituary and tributes](#). To honor David's contributions to the field, and especially his efforts in mentoring and education, the ISB has established a David Winter Award for young investigators, to be awarded at each ISB congress. ([more...](#))

Student's Corner - December, 2012

By sherriS | December 2012

Dear fellow ISB student members,

I hope you are as excited about ISB2013 in Natal as I am! I have just initiated planning the student event, which will most likely consist of two parts. One part will be educational, likely in the form of a roundtable mentoring workshop, and the other part of our event will be an excursion to one of Natal's beautiful beaches.

The roundtable mentoring workshop will have student-generated topics that may include presentation skills, grant and manuscript writing, and career transition advice. The objective of the roundtable session is to build students' expertise in career development within the biomechanics field. One idea that has been suggested is an accelerated meet-and-greet session where prospective exchange students and post-doctorates can practice their networking skills learned during the roundtable session with senior ISB members and mentors. ([more...](#))

Technical Groups - December, 2012

By sherriS | December 2012

Footwear Biomechanics Group

- Preview on the 11th biennial Footwear Biomechanics Symposium-

On behalf of the Footwear Biomechanics Group, we are pleased to welcome you to the Eleventh Biennial Footwear Biomechanics Symposium July 31st - August 2nd 2013 (www.fbs2013.org) to the city of Natal in Rio Grande do Norte, a northeastern state in Brazil. There will be a broad spectrum of topics, including exciting keynote lectures from Prof. Dr. Peter Cavanagh (University of Washington Medical Centre, Seattle) and Dr. Kristiaan D'Aout (University of Antwerp, Belgium). Furthermore, there will be specific invited sessions; one on the topic of soccer shoes (with regard to the World Cup in Brazil in 2014) another one on the topic of subtalar joint movements and its relation/importance to shoe construction.

[\(more...\)](#)

Did You Know? - From the Archives - December, 2012

By sherriS | December 2012

Although the ISB was formed in 1973 and has held congresses every two years since then, the numbering of our conferences starts with a conference held in Zurich, Switzerland in 1967. This conference was titled the First International Seminar on Biomechanics and was held from August 21st to 23rd. The conference had delegates from 26 countries and had 62 papers, presented by a total of 78 authors. In the Preface to the proceedings Jurg Wartenweiler, chair of the seminar's organizing committee and the ISB's first president, describes both biomechanics and the methods of biomechanics. [\(more...\)](#)

Biomechanics Makes Strides in Africa

By sherriS | December 2012

Reflections on my visit to the Tanzania Training Centre for Orthopaedic Technologists (TATCOT)

By

**Andrea Hemmerich,
ISB-TATCOT Project Champion and
ISB-Economically Developing Countries (EDC) Project Officer**

A collaboration between the ISB and the Tanzania Training Centre for Orthopaedic Technologists (TATCOT) began over seven years ago when the ISB President at the time visited the centre and learned of the "grand vision" to install a gait lab to support teaching, clinical, and research initiatives. In a developing country such as Tanzania, the necessary resources to acquire and maintain specialized motion capture equipment for such a purpose are nearly impossible to obtain. For Harold Shangali and Longini Mtalo (TATCOT Principal and Deputy Principal, Academics, respectively) it was therefore serendipitous to say the least that contributions from several organisations within the ISB network could make this vision a reality after only two years! [\(more...\)](#)

Nike Award for Athletic Footwear Research

By sherriS | December 2012

Nike, Inc. sponsors a prize of US \$25,000 on a biennial basis to encourage research on athletic footwear. The topic for the 2013 competition will be:

The role of impact cushioning on performance and/or injury prevention in sports.

This will be the fifth such award, and will be presented at the 11th ISB Footwear Biomechanics Technical Group meeting in Brazil, in conjunction with the 2013 ISB Congress. ([more...](#))

Muybridge Award Winner ISB 2013 Natal

By sherriS | December 2012

Professor Benno Nigg:



([more...](#))

ISB 2013 Brazil

By sherriS | December 2012

Dear ISB Members

We would like to welcome you to join us in Natal for the XXIV Congress of the International Society of Biomechanics and for the XV Congress of the Brazilian Society of Biomechanics. ISB 2013 and BCB 2013 will take place at the Natal Convention Centre, from August 4th-9th 2013. In addition to the beautiful beaches and fantastic scenery, you will have the unique opportunity to enjoy life while discussing science in a unique scientific program that we are preparing, making your stay in Natal unforgettable.

([more...](#))



**ISB 2013
BRAZIL**

XXIV CONGRESS OF THE INTERNATIONAL
SOCIETY OF BIOMECHANICS

XV BRAZILIAN CONGRESS
OF BIOMECHANICS

Call for ISB Executive Nominations

By sherriS | December 2012

Have you ever considered becoming a more active participant within the biomechanics community and serving on the ISB Executive Council?

An Executive Council, which is composed of Officers and Council members who are elected for 2-year terms, govern the ISB. The Council, which meets face-to-face annually, provides leadership to ensure continued development of the Society. We strive to ensure that Council includes members who represent a diverse range of countries from throughout the world, as well as a variety of scientific areas within biomechanics. ([more...](#))